

To: Hermann, Karl[Hermann.Karl@epa.gov]
Cc: scott.garncarz@state.co.us[scott.garncarz@state.co.us]
From: Wheeler - CDPHE, Sarah
Sent: Tue 8/11/2015 6:23:52 PM
Subject: Fwd: FW: CO Assessment Prior to Spill

Sorry, I've been in meetings all day but Scott helped look over your list of impairments/TMDL's for the upper Animas. Let us know if you have any questions on his comments.

Thanks,
Sarah

----- Forwarded message -----

From: **Garncarz - CDPHE, Scott** <scott.garncarz@state.co.us>
Date: Tue, Aug 11, 2015 at 9:54 AM
Subject: Re: FW: CO Assessment Prior to Spill
To: "Wheeler - CDPHE, Sarah" <sarah.wheeler@state.co.us>

The current Colorado 303(d) List is for the 2012 cycle. For the Animas segments the following are 303(d)-listed (impaired and in need of a TMDL).

Correct----COSJAF04a Al (trec)

Correct----COSJAF05a Mn (WS)

Segments COSJAF03a and COSJAF03b were unassessed in 2012.

Data was found for 2012 cycle. Unsure why they are considered unassessed.

In addition, the 2012 cycle had the following segments identified for impaired causes where TMDLs had been completed.

Correct: COSJAF04a pH
 Cu
 Fe
 Zn

Correct: COSJAF04b Zn

We have this as COSJAF04b, not 05a COSJAF05a Zn

Correct: COSJAF07 Al

Pb

Fe

Cu

Cd

In the current, proposed draft 2016 303(d) list, we have the following:

Remaining on list COSJAF04a Al (trec)

Correct: COSJAF04b temperature

Aquatic life use (based on macroinvertebrate assessmbalge)

Remaining on list COSJAF05a Mn

On Tue, Aug 11, 2015 at 9:14 AM, Wheeler - CDPHE, Sarah <sarah.wheeler@state.co.us> wrote:

Any chance you could help me confirm these listings/TMDL's in the Gold King Mine area?
Thanks!

----- Forwarded message -----

From: **Hermann, Karl** <Hermann.Karl@epa.gov>

Date: Tue, Aug 11, 2015 at 8:06 AM

Subject: FW: CO Assessment Prior to Spill

To: "Wheeler - CDPHE, Sarah" <sarah.wheeler@state.co.us>

FYI – this is information I gave to our response folks. Please double check it with your info. Let me know if there are any issues.

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Karl A. Hermann

Monitoring and Assessment

Water Quality Unit, Region 8

U.S. Environmental Protection Agency

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[hermann.karl@epa.gov](mailto:hermann.karl@epa.gov)

**From:** Hermann, Karl

**Sent:** Tuesday, August 11, 2015 7:30 AM

**To:** OBrien, Wendy

**Cc:** Pierce, Maggie; Graham, Richard

**Subject:** CO Assessment Prior to Spill

The current Colorado 303(d) List is for the 2012 cycle. For the Animas segments the following are 303(d)-listed (impaired and in need of a TMDL).

COSJAF04a      Al (trec)

COSJAF05a      Mn (WS)

Segments COSJAF03a and COSJAF03b were unassessed in 2012.

In addition, the 2012 cycle had the following segments identified for impaired causes where TMDLs had been completed.

|           |    |
|-----------|----|
| COSJAF04a | pH |
|           | Cu |
|           | Fe |
|           | Zn |

|           |    |
|-----------|----|
| COSJAF04b | Zn |
|-----------|----|

|           |    |
|-----------|----|
| COSJAF05a | Zn |
|-----------|----|

|          |    |
|----------|----|
| COSJAF07 | Al |
|          | Pb |
|          | Fe |
|          | Cu |
|          | Cd |

In the current, proposed draft 2016 303(d) list, we have the following:

|           |           |
|-----------|-----------|
| COSJAF04a | Al (trec) |
|-----------|-----------|

|           |             |
|-----------|-------------|
| COSJAF04b | temperature |
|-----------|-------------|

Aquatic life use (based on macroinvertebrate assessmbalge)

|           |    |
|-----------|----|
| COSJAF05a | Mn |
|-----------|----|

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Karl A. Hermann

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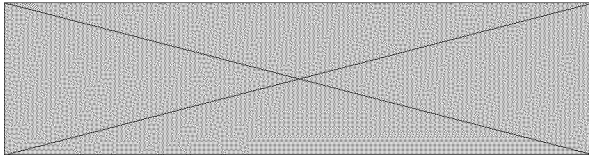
hermann.karl@epa.gov

SEP 2012

Sarah Wheeler

Assessment Work Group Leader

Environmental Data Unit



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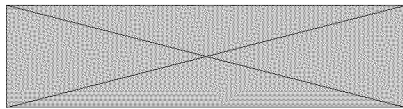
sarah.wheeler@state.co.us | www.colorado.gov/cdphe/wqcd

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Scott Garncarz

Water Quality Assessor/401 Certifications

Environmental Data Unit



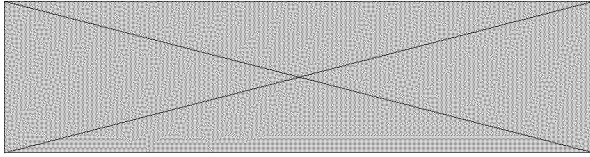
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